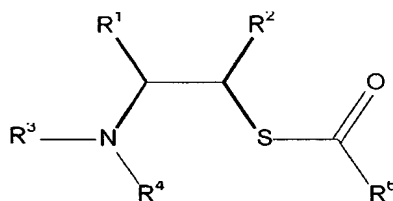


## ABSTRACT

The present invention discloses an acylated derivative of an aminothiols compound having a general formula II wherein  $R^1$ - $R^4$  and  $R^6$  are substitutable ligands. Such compounds can perform as superior catalysts in asymmetric addition reactions of organic zinc and aldehyde. According to  
5 the present invention, only less than 0.02% of the acylated derivative is needed to obtain high enantioselectivity over 99% enantiomeric excess.



II